

WD 616D KMT

User Manual/Manual de Uso

Rev. 140801

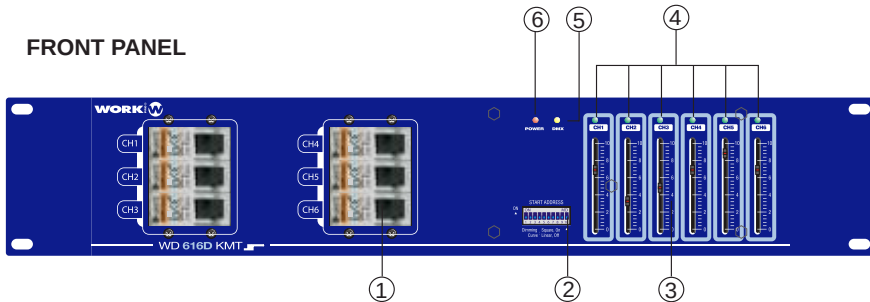
Thanks for your purchasing of our product. The **WD-616D-KMT** is a 6 channel dimmerpack, with a variety of functions, including DMX and MANUA control modes, Dimming, overheat and overload protection, digital dimmer control and DMX 512 address, allowing to simultaneously control 6 channel output. In addition, it is compatible with any DMX-512 transmitter.

TECHNICAL SPECIFICATIONS

1. Power input: 100-230VAC Single-phase+N+E 50/60Hz, 75A max
100-230VAC3 Ø +N+E 50/60Hz, 32A per Phase
2. Power output: 16A per channel
3. Fuse: 16A circuit breaker
4. Dimensions: 483x88x381mm
5. Weight: 8.38Kg

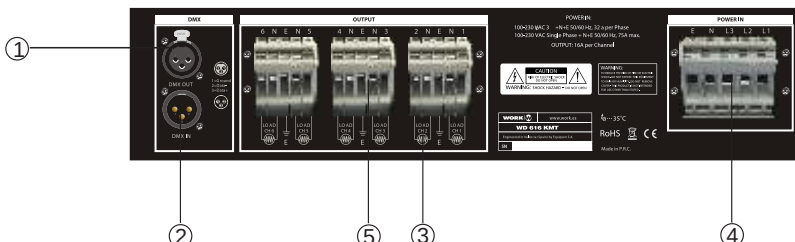
CONTROL & FUNCTIONS

FRONT PANEL

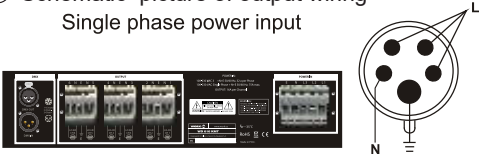


- ① Circuit Breaker(X6)
This circuit breaker will cut off power supply automatically when load current exceed 16A
- ② DipSwitches
These switches are used to select initial channel setting mode.
- ③ Channel Sliders
These sliders are used to control the intensities of channels of 1 to 6.
- ④ Channel LEDs
Show current intensity of the relevant channel numbered from 1 to 6.
- ⑤ DMX LED
- ⑥ Power indicator
This indicator is turned on when power is ON

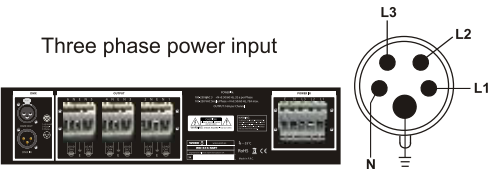
REAR PANEL



- ① DMX output socket
Use to connect to DMX input socket of next unit for parallel
- ② DMX input socket
Use to connect to DMX input signals
- ③ Schematic picture of output wiring
Single phase power input



- ④ Supply terminals(X5)
Connect input phase (L1-L3), Neutral (N) and earth (GND)
- ⑤ Output terminals
Connect load cables of each output (1-6), Neutral (N)and Earth (GND)

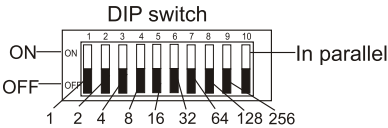


You can select control single on the dimmer pack. Which one is strong which one is doing.

Channel dimmer control: can make the dimming level stronger or smaller.

DMX input: the dimmer pack can receive DMX-512 single. you can adjust DIP switch to confirm the start address that you want to receive. The switch 10 to ON, the Dimming Curve will be Square; the switch to OFF, the Dimming Curve will be linear.

Please refer to following table for initial DMX address.



You must check the main power before you will turn on the power switch.

Then turn on the hanger automatic breaker. Then you can control the output level of corresponding channel.

9 8 7 6 5 4 3 2 1	start address	9 8 7 6 5 4 3 2 1	start address
0 0 0 0 0 0 0 0 1	1	0 0 0 1 0 0 0 0 1	32
0 0 0 0 0 0 0 1 0	2		.
0 0 0 0 0 0 0 1 1	3		.
0 0 0 0 0 0 1 0 0	4		.
0 0 0 0 0 0 1 0 1	5	0 0 1 0 0 0 0 0 0	63
0 0 0 0 0 0 1 1 0	6	0 0 1 0 0 0 0 0 1	64
0 0 0 0 0 0 1 1 1	7	0 0 1 0 0 0 0 1 0	65
0 0 0 0 0 1 0 0 0	8		.
0 0 0 0 0 1 0 0 1	9		.
0 0 0 0 0 1 0 1 0	10		.
0 0 0 0 0 1 0 1 1	11	0 1 0 0 0 0 0 0 0	127
0 0 0 0 0 1 1 0 0	12	0 1 0 0 0 0 0 0 1	128
0 0 0 0 0 1 1 0 1	13	0 1 0 0 0 0 0 1 0	129
0 0 0 0 0 1 1 1 0	14		.
0 0 0 0 0 1 1 1 1	15		.
0 0 0 0 1 0 0 0 0	16		.
0 0 0 0 1 0 0 0 1	17	1 0 0 0 0 0 0 0 0	255
0 0 0 0 1 0 0 1 0	18	1 0 0 0 0 0 0 0 1	256
0 0 0 0 1 0 0 1 1	19	1 0 0 0 0 0 0 1 0	257
0 0 0 0 1 0 1 0 0	20		.
0 0 0 0 1 0 1 0 1	21		.
.	.		.
.	.	1 1 1 1 1 1 1 1 0	510
0 0 0 1 0 0 0 0 0	31	1 1 1 1 1 1 1 1 1	511

WARNING:

- 1. TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.
- 2. THIS APPARATUS MUST BE EARTHED.
- 3. WHEN YOU USE ONE PHASE, L1 MUST BE CONNECTED TO MAIN POWER.
- 4. DO NOT TRY TO REPAIR IT WHEN THE CIRCUIT IS OUT OF ORDER, SEND BACK TO YOU SUPPLIER FOR REPAIRING.

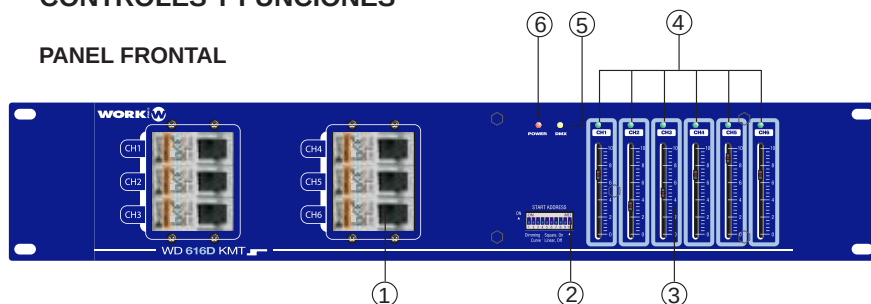
Gracias por la adquisición de nuestro producto. WD 616D KMT es un dimmer pack de 6 canales con una gran variedad de funciones, incluyendo modos de control MANUAL y DMX, dimmerización, protecciones ante sobrecarga y exceso de temperatura, control de dimmer digital y direccionamiento DMX, permitiendo controlar simultáneamente 6 canales de salida. Además es compatible con un controlador DMX.

ESPECIFICACIONES TECNICAS

- 1.Alimentación : 100-230VAC Monofásico+N+E 50/60Hz, 75A max
100-230VAC 3 Ø +N+E 50/60Hz, 32A por fase
- 2.Potencia de salida: 16A por canal
- 3.Fusible: Magnetotérmico de 16 A.
- 4.Dimensiones: 483x88x381mm
- 5.Peso: 8.38Kg

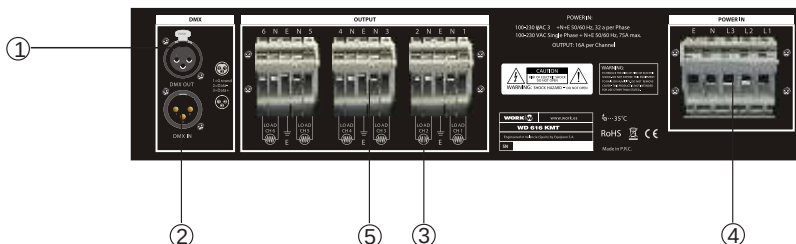
CONTROLES Y FUNCIONES

PANEL FRONTAL



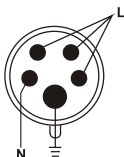
- ① Magnetotérmico (X6)
Este magnetotérmico, cortará la alimentación cuando la corriente de carga supere los 16 A.
- ② DipSwitches
Estos switches se usan para seleccionar el canal de inicio
- ③ Faders de canal
Estos potenciómetros se usan para controlar la intensidad de los canales 1 al 6.
- ④ LEDs de canal
Muestran la intensidad de salida del canal relevante
- ⑤ LED DMX
- ⑥ Indicador de alimentación
Este indicador se ilumina cuando el dimmer está encendido

PANEL TRASERO

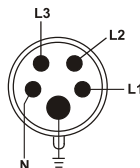


- ① Conector de salida DMX
Use este conector para enviar señal DMX al siguiente dispositivo.
- ② Conector de entrada DMX
Use este conector para la entrada de señal DMX desde un controlador externo.
- ③ Esquema de cableado
- ④ Terminales de alimentación(X5)
Conecte los cables de fase (L1-L3), Neutro (N) y Tierra (GND)
- ⑤ Terminales de salida
Conecte los cables de carga de cada salida (1-6), Neutro (N) y tierra (GND)

ENTRADA MONOFASICA

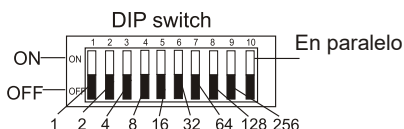


ENTRADA TRIFASICA



Control dimmer de canal:
Entrada DMX:

Puede controlar el nivel de dimmerización de los canales. La unidad es capaz de operar con señales DMX, ajuste los DIP para confirmar la dirección de inicio. El dip 10° es de función, en posición ON, la curva de dimmerización es SQUARE;.
En la posición OFF la curva de dimmerización es LINEAL;
Diríjase a la tabla adjunta para el direccionamiento inicial



Compruebe la alimentación antes de encender la unidad. Luego arme los magnetos individuales. Ahora podrá controlar las salidas de cada canal.

9 8 7 6 5 4 3 2 1	Direc. Inicio	9 8 7 6 5 4 3 2 1	Direc. Inicio
0 0 0 0 0 0 0 0 1	1	0 0 0 1 0 0 0 0 1	32
0 0 0 0 0 0 0 0 1 0	2		.
0 0 0 0 0 0 0 0 1 1	3		.
0 0 0 0 0 0 0 1 0 0	4		.
0 0 0 0 0 0 0 1 0 1	5	0 0 1 0 0 0 0 0 0	63
0 0 0 0 0 0 0 1 1 0	6	0 0 1 0 0 0 0 0 1	64
0 0 0 0 0 0 0 1 1 1	7	0 0 1 0 0 0 0 1 0	65
0 0 0 0 0 0 1 0 0 0	8		.
0 0 0 0 0 0 1 0 0 1	9		.
0 0 0 0 0 0 1 0 1 0	10		.
0 0 0 0 0 0 1 0 1 1	11	0 1 0 0 0 0 0 0 0	127
0 0 0 0 0 0 1 1 0 0	12	0 1 0 0 0 0 0 0 1	128
0 0 0 0 0 0 1 1 0 1	13	0 1 0 0 0 0 0 1 0	129
0 0 0 0 0 0 1 1 1 0	14		.
0 0 0 0 0 0 1 1 1 1	15		.
0 0 0 0 0 1 0 0 0 0	16		.
0 0 0 0 0 1 0 0 0 1	17	1 0 0 0 0 0 0 0 0	255
0 0 0 0 0 1 0 0 1 0	18	1 0 0 0 0 0 0 0 1	256
0 0 0 0 0 1 0 0 1 1	19	1 0 0 0 0 0 0 1 0	257
0 0 0 0 0 1 0 1 0 0	20		.
0 0 0 0 0 1 0 1 0 1	21		.
.	.		.
.	.	1 1 1 1 1 1 1 1 0	510
0 0 0 1 0 0 0 0 0	31	1 1 1 1 1 1 1 1 1	511

ATENCION

1. PARA PREVENIR FUEGO O DESCARGAS ELECTRICAS, NO EXPONGA EL APARATO A LA LLUVIA O LA HUMEDAD.
2. ESTE APARATO DEBE SER CONECTADO A TIERRA
3. CUANDO USE UNA FASE, L1 DEBE SER CONECTADO A LA RED
4. NO TRATE DE REPARAR LA UNIDAD POR SI MISMO, CONTACTE CON UN DISTRIBUIDOR AUTORIZADO.



This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.



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